

CODE ANALYSIS

APPLICABLE CODES

	Year		Year
International Building Code	2003	National Electrical Code	2003
International Mechanical Code	2003	Uniform Code for Building Conservation	
International Plumbing Code	2003	ADA Accessibility Guidelines	ICC/ANSI 117.1 1998
International Fire Code	2003		
International Energy Conservation Code	2003		

A. Occupancy and Group: UNLIMITED MALL BUILDING

Change in Use: Yes ☐ No ☒ Mixed Occupancy: Yes ☒ No ☐
Special Use and Occupancy (e.g. High Rise, Covered Mall): UNLIMITED MALL BUILDING

B. Seismic Design Category: D Design Wind Speed: 90 mph

C. Type of Construction (circle one):
 $\frac{I}{A}$ $\frac{I}{B}$ $\frac{II}{A}$ $\frac{II}{B}$ $\frac{III}{A}$ $\frac{III}{B}$ $\frac{IV}{HT}$ $\frac{V}{A}$ $\frac{V}{B}$

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
North: _____ South: _____ East: _____ West: _____

E. Mixed Occupancies: _____ Nonseparated Uses: _____

F. Sprinklers:
Required: ☒ Provided: ☒ Type of Sprinkler System: _____

G. Number of Stories: 1 Building Height: 18'

H. Actual Area per Floor (square feet): NO ADDED SQUARE FOOTAGE

I. Tabular Area: UNLIMITED MALL BUILDING

J. Area Modifications:

$$a) A_s = A_1 + \left[\frac{A_1 I_1}{100} \right] + \left[\frac{A_2 I_2}{100} \right] \quad I_1 = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$$

c) Total Allowable Area for:
 1) One Story: _____
 2) Two Story: $A_s(2)$ _____
 3) Three Story: $A_s(3)$ _____

d) Unlimited Area Building: Yes ☒ No ☐ Code Section: 401

K. Fire Resistance Rating Requirements for Building Elements (hours).

Fire-Resistive Requirements:	Type: II-B
Bearing walls - Interior:	0
Exterior Non-Bearing Walls:	0
Structural Frame:	0
Partitions:	1
Shafts:	1 Hr.
Floors - Ceilings:	0
Roofs - Ceilings:	0

L. Design Occupant Load: NO ADDED OCCUPANT - NO ADDED SQUARE FOOTAGE
Exit Width Required: N/A Exit Width Provided: N/A

M. Minimum Number of Required Plumbing Facilities:
 a) Water Closets - Required (m) N/A (f) _____ Provided (m) _____ (f) _____
 b) Lavatories - Required (m) N/A (f) _____ Provided (m) _____ (f) _____
 c) Bath Tubs or Showers: N/A
 d) Drinking Fountains: N/A Service Sinks: _____

FOOTNOTES:

1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.

2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
 a) High Rise Requirements.
 b) Atriums.
 c) Performance Based Criteria.
 d) Means or Egress Analysis.
 e) Fire Assembly Locator Sheet.
 f) Exterior and Interior Accessibility Route.
 g) Fire Stopping, Including Tested Design Number.

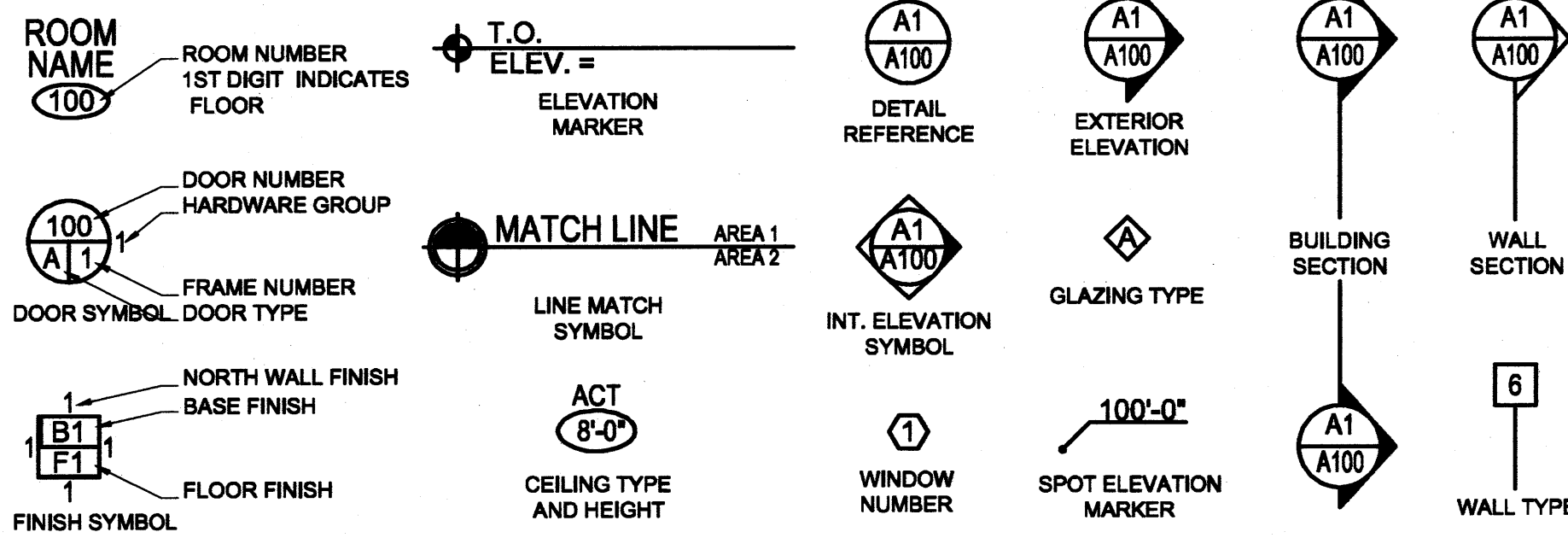
PROJECT TEAM

OWNER:
DFCM
Sean Crawford
Project Manager
155N 1000W
Salt Lake City, Utah 84116
phone (801) 538-3174

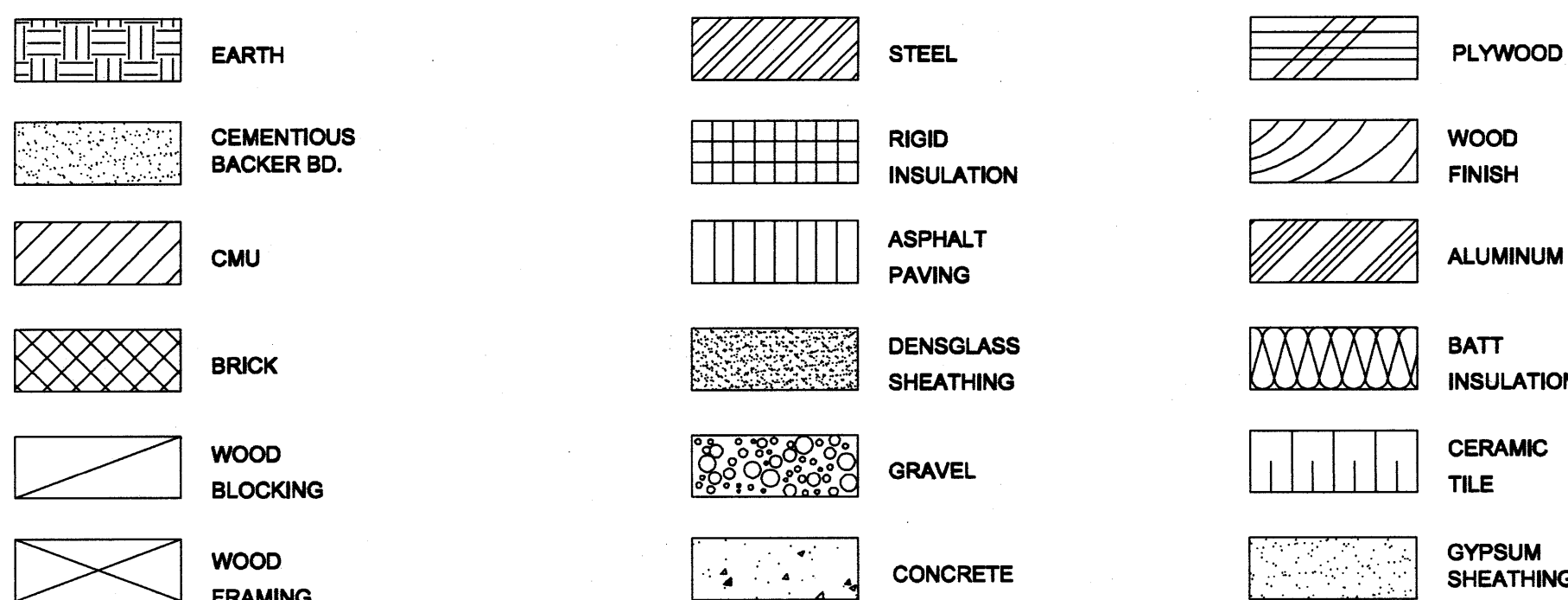
USER:
UVSC
James L. Michaelis
Director of Facilities
800 West University Parkway
Orem, Utah 84058-5999
phone (801)863-8130

ARCHITECT:
AXIS ARCHITECTS
Pierre O. Langue AIA
352S Denver Street
Salt Lake City, Utah 84103
phone (801)355-3003
fax (801)355-0113

SYMBOL LEGEND



GRAPHIC SYMBOLS



DRAWING INDEX

GENERAL
GI101 GENERAL INFORMATION

ARCHITECTURAL
 AE201 WOODBURY BUSINESS FLOOR PLANS
 AE211 WOODBURY BUSINESS WINDOW ELEVATION
 AE212 WOODBURY BUSINESS WINDOW ELEVATION
 AE401 BROWNING ADMIN FLOOR PLANS
 AE411 BROWNING ADMIN WINDOW ELEVATIONS
 AE412 BROWNING ADMIN WINDOW ELEVATIONS
 AE601 ARCHITECTURAL DETAILS

Utah Valley State College
ENGINEERING, FACILITIES PLANNING & CONSTRUCTION DEPARTMENT

State of Utah
Department of Administrative Services

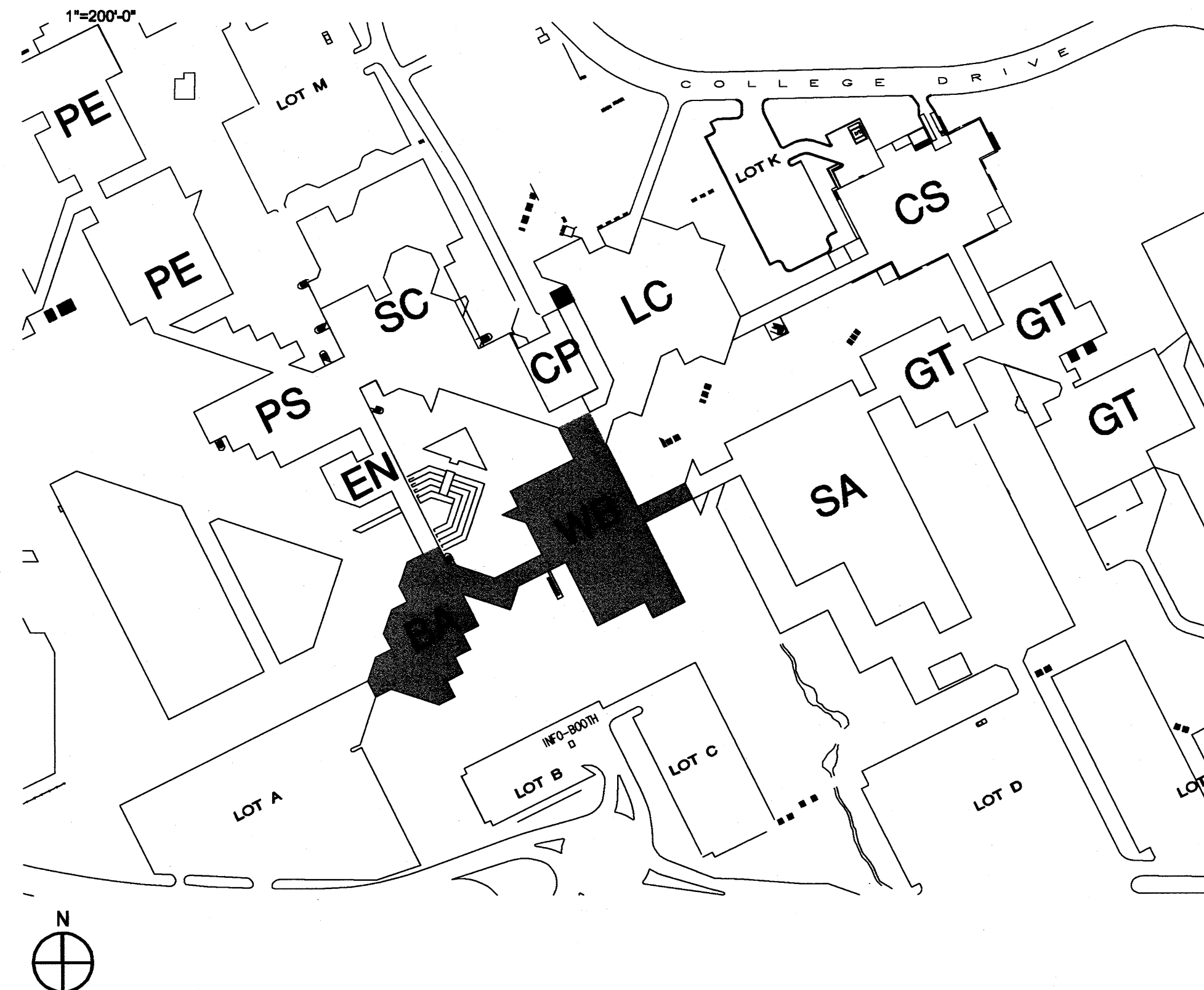
Division of Facilities
Construction & Management
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538 - 3018
Fax: (801) 538 - 3267

APPROVALS

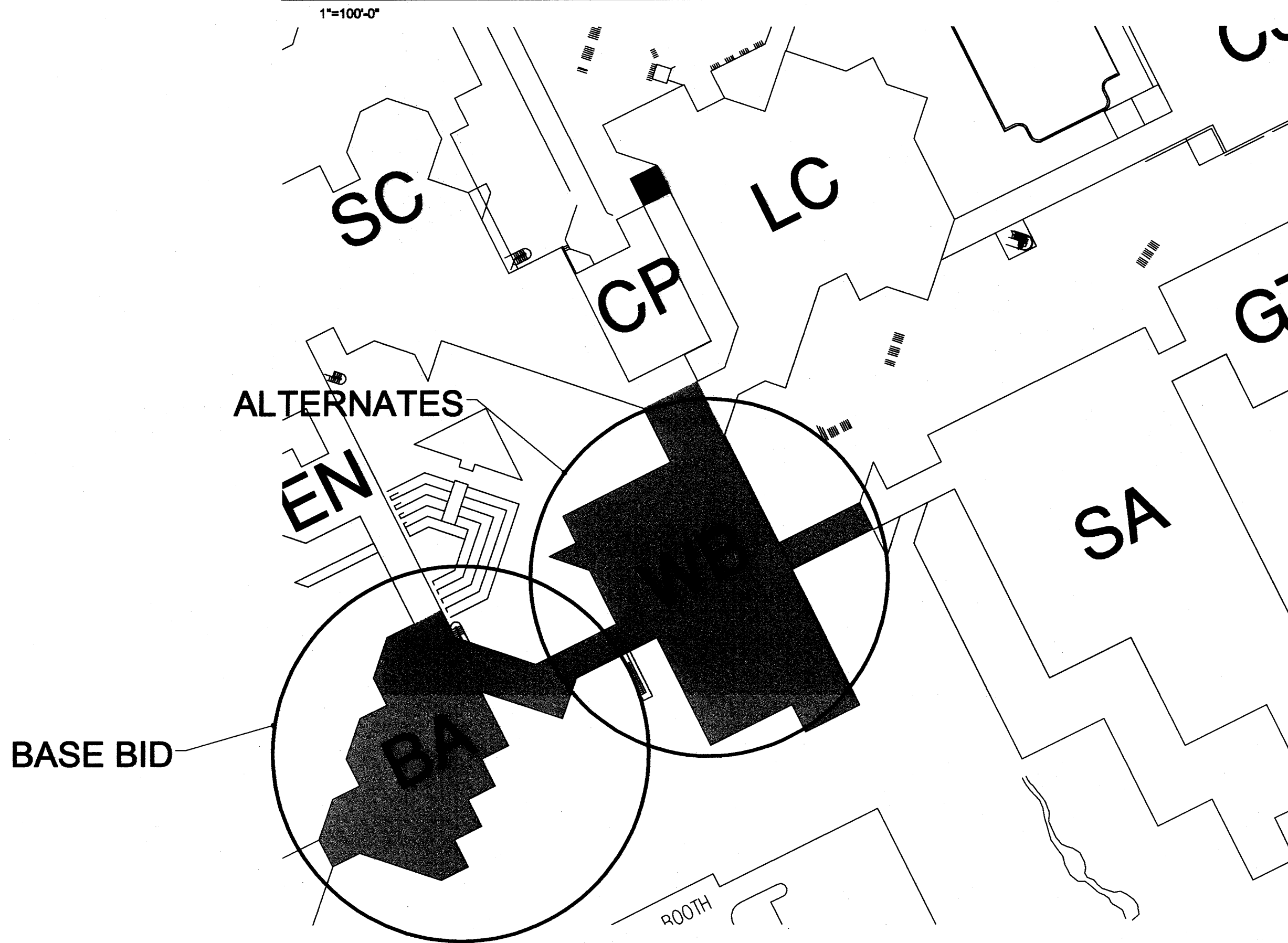
Prime Agency _____ Date _____
 DFCM _____ Date _____

APPROVAL DOES NOT RELIEVE A/E OF DESIGN LIABILITY

VINCINITY MAP



OVERALL SITE PLAN

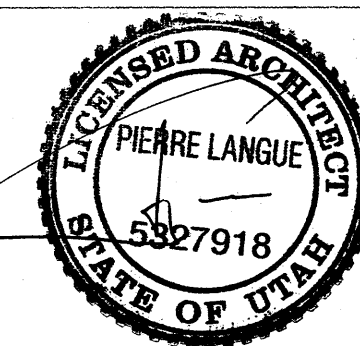


UTAH VALLEY STATE COLLEGE CAMPUS WINDOW REPLACEMENT PHASE I

Orem, Utah
6-20-07

DFCM PROJECT #06066790

UVSC RISK MANAGEMENT NUMBERS:
04896 BROWNING ADMINISTRATION BUILDING
00618 WOODBURY BUSINESS BUILDING



UVSC Window Replacement
PHASE I

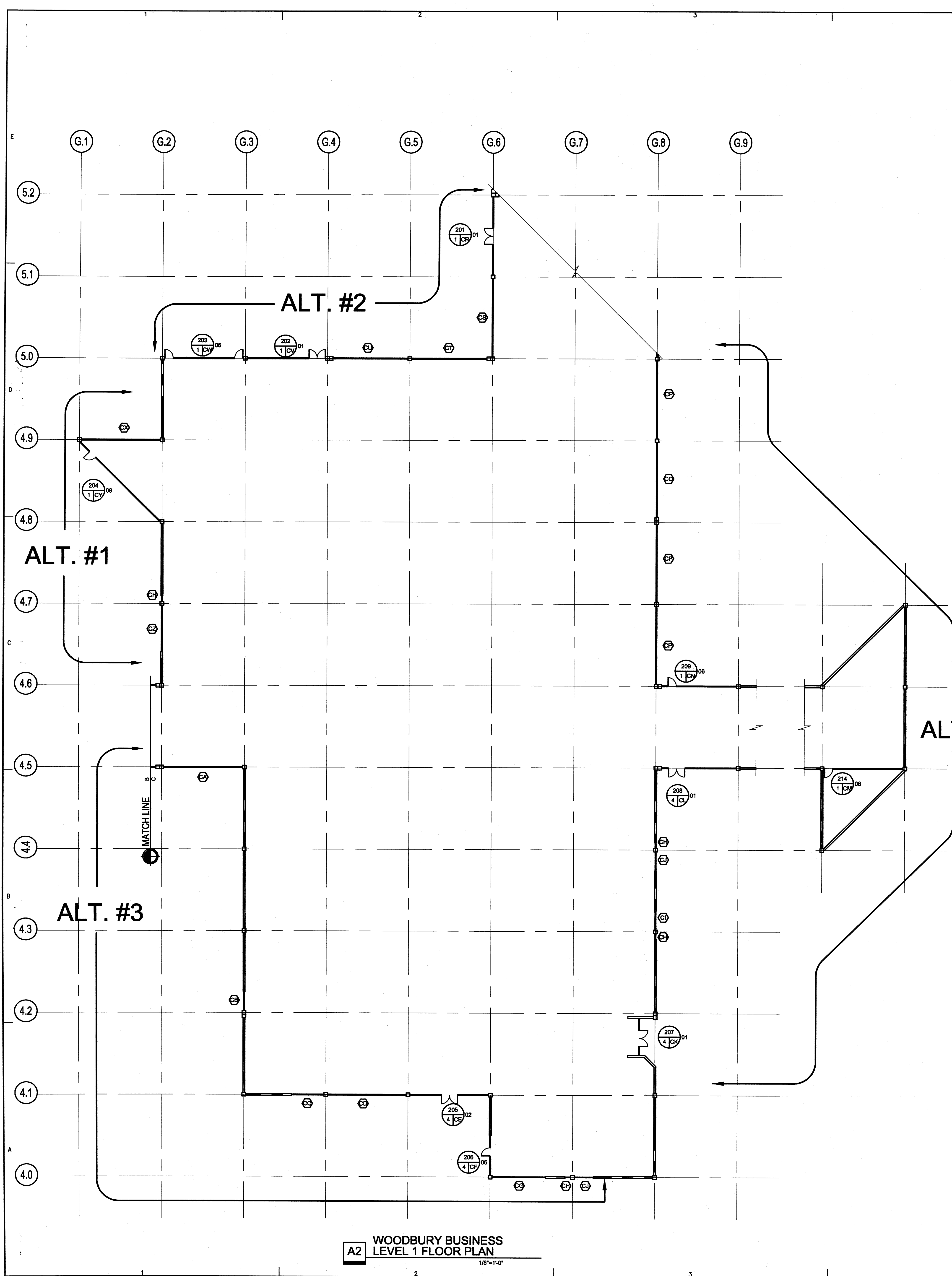
Orem, UT
Construction Documents

Revision # Date

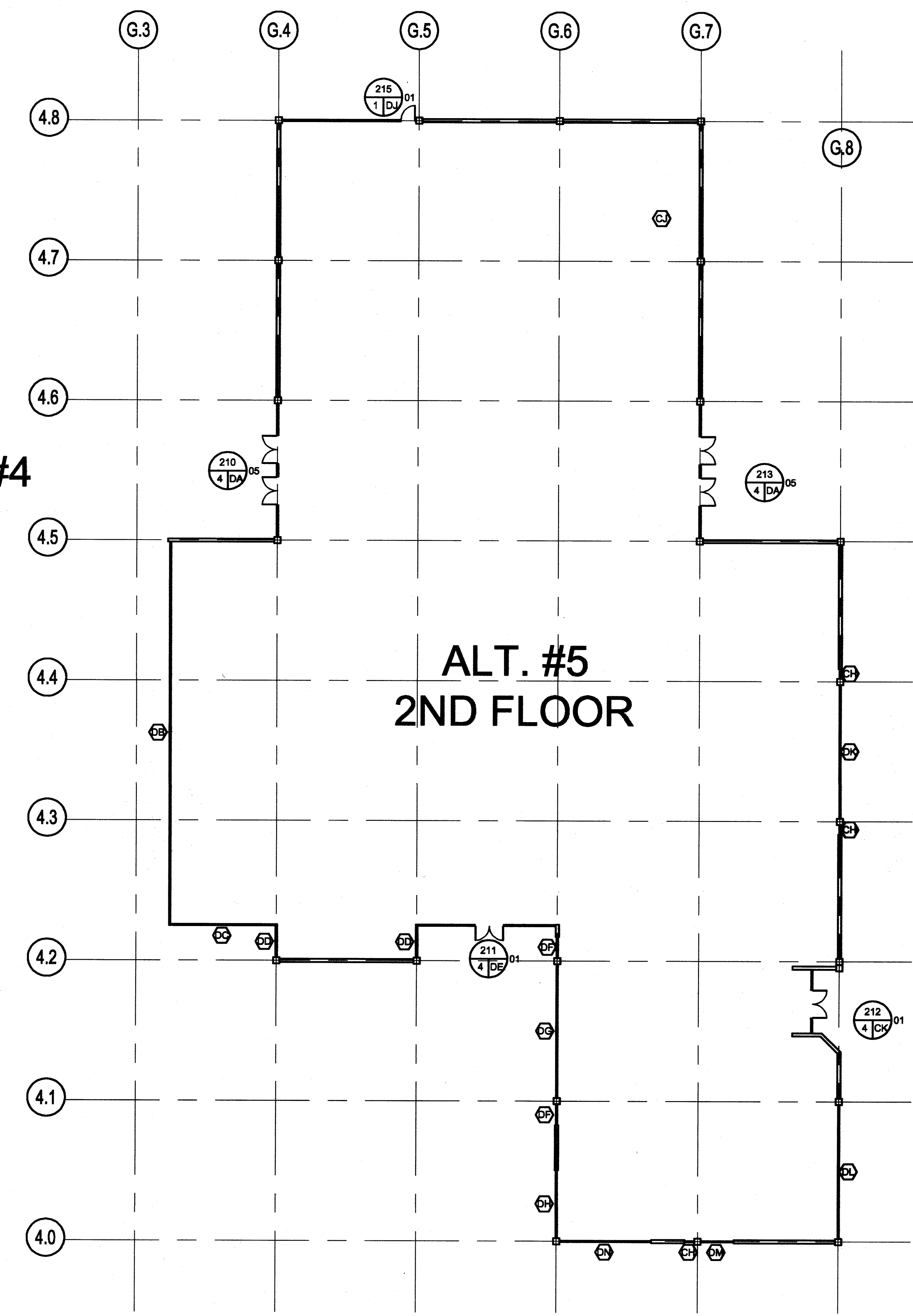
Axis Job # 0701
Owner # 06066790
Date 6-20-07
Drawn
Checked

INFORMATION SHEET

GI101



A2 WOODBURY BUSINESS
LEVEL 1 FLOOR PLAN
1/8"=1'-0"



A5 WOODBURY BUSINESS
LEVEL 2 FLOOR PLAN
1/8"=1'-0"

GENERAL DEMOLITION NOTES

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4. IN CERTAIN AREAS CONDUIT, PLUG MOLD, CABLES, ETC. ARE MOUNTED TO EXIST. WINDOWS. CONTRACTOR IS RESPONSIBLE FOR LOCATING SUCH ELEMENTS. REMOVE FOR INSTALLATION OF NEW WINDOWS AND RE-INSTALL.
5. DISCONNECT ANY EFFECTED UTILITIES PRIOR TO REMOVAL. CONTRACTOR TO COORDINATE DEMOLITION STAGING AREAS WITH OWNER.
6. CONTRACTOR TO COORDINATE ALL CONSTRUCTION SCHEDULING WITH OWNER PRIOR TO DEMOLITION.

NEW CONSTRUCTION GENERAL NOTES

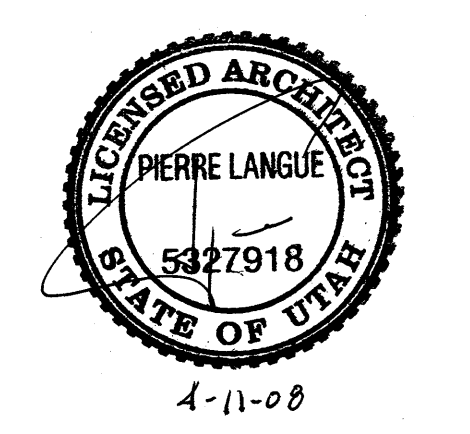
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7. SEE AE801 FOR ALL DETAILS
8. IN LOCATIONS WHERE A SECTION OF CEILING OR CARPET OR A SECTION OF WALL OR ELECTRICAL WORK NEEDS TO BE REMOVED TO INSTALL A WINDOW OR DOOR, REMOVE AND REPLACE TO MATCH EXISTING

UVSC Window Replacement
PHASE I
Orem, UT
Construction Documents

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WOODBURY BUSINESS BUILDING
FLOOR PLANS

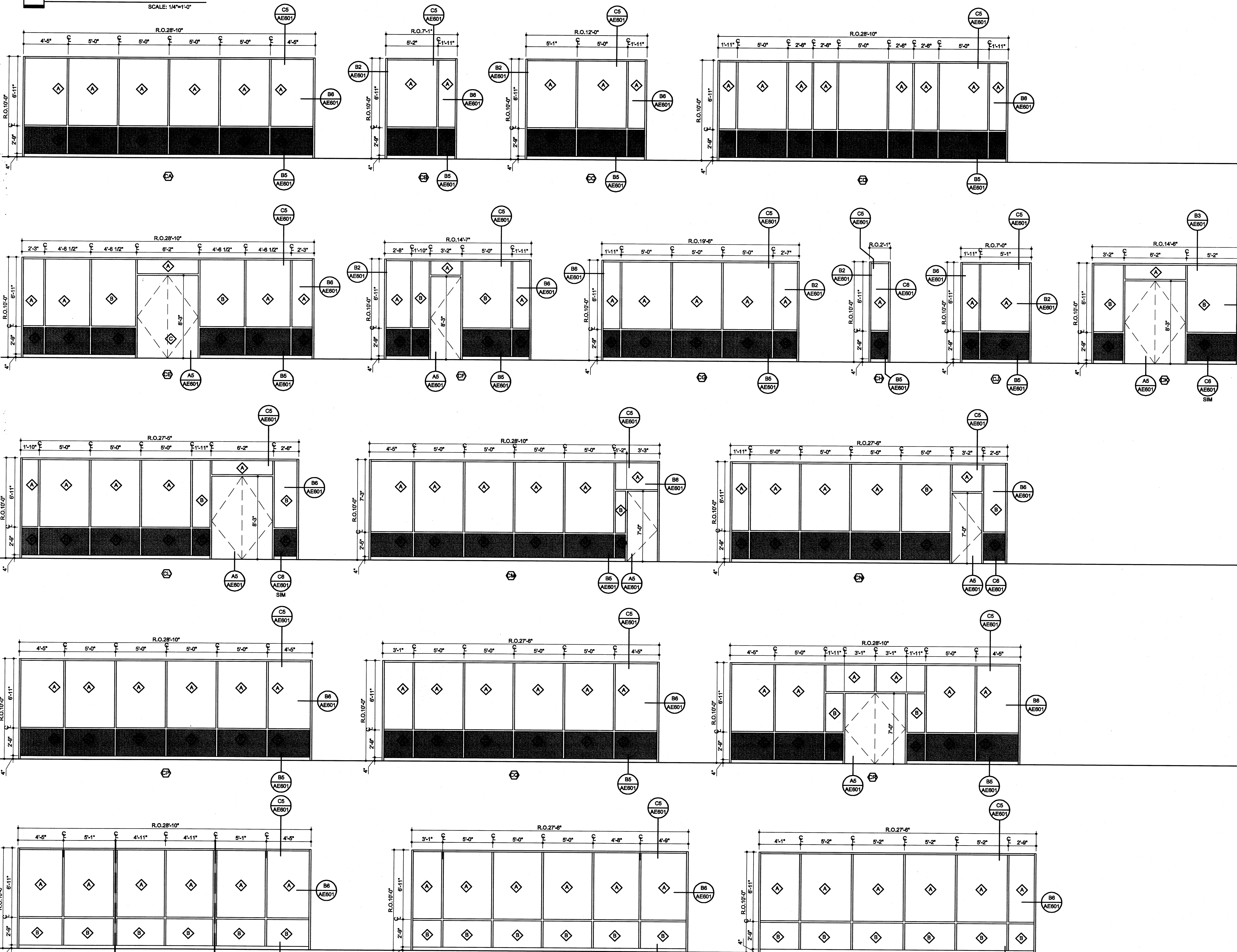
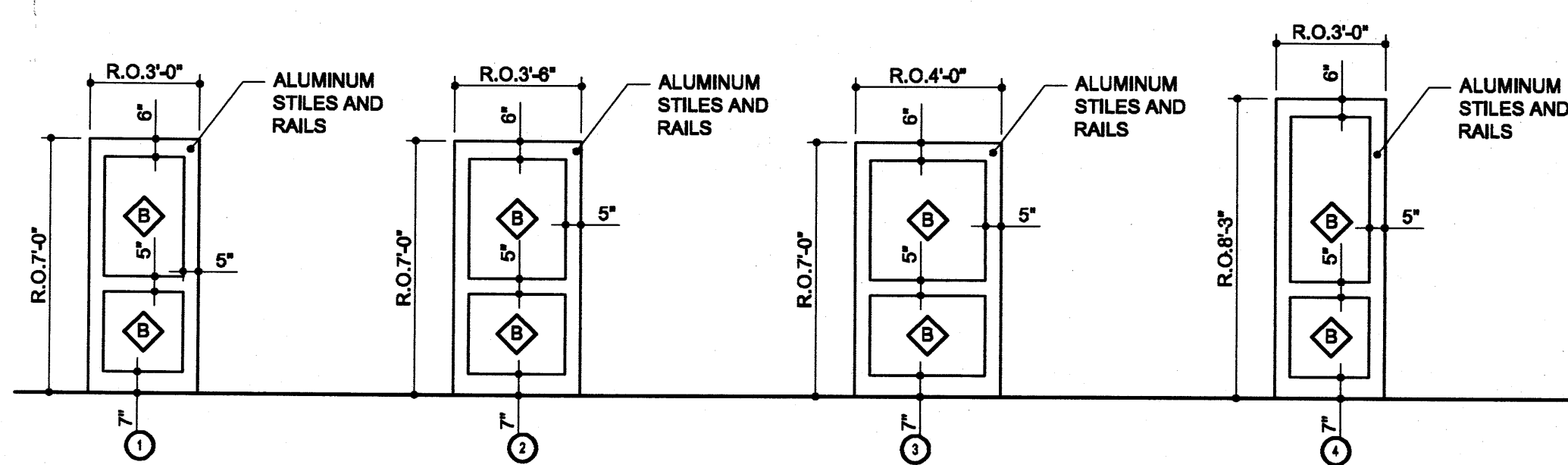
AE201



Axis Architects
352 SOUTH DENVER STREET (400 EAST)
SALT LAKE CITY, UT 84111
P 355-3003 F 355-0113

E1 DOOR TYPES

SCALE: 1/4"=1'-0"



A2 WOODBURY BUSINESS BUILDING WINDOW ELEVATIONS

SCALE: 1/4"=1'-0"

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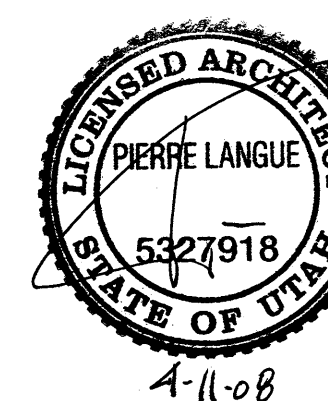
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- SEE AE601 FOR ALL DETAILS
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GLAZING SCHEDULE

- ◊ NEW 1" INSULATED GLASS - BRONZE TINT
- ◊ NEW 1" INSULATED TEMPERED GLASS - BRONZE TINT
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Axis Architects



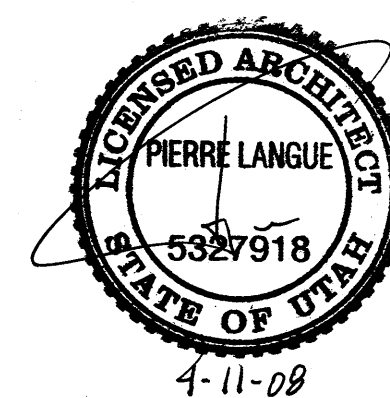
UVSC Window Replacement
PHASE I
Orem, UT
Construction Documents

Revision # Date

Axis Job # 0701
Owner # 06066790
Date 6-20-07
Drawn
Checked

WOODBURY BUSINESS BUILDING
DOOR AND WINDOW ELEVATIONS

AE211



UVSC Window Replacement
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WOODBURY BUSINESS BUILDING
DOOR AND WINDOW ELEVATIONS

AE212

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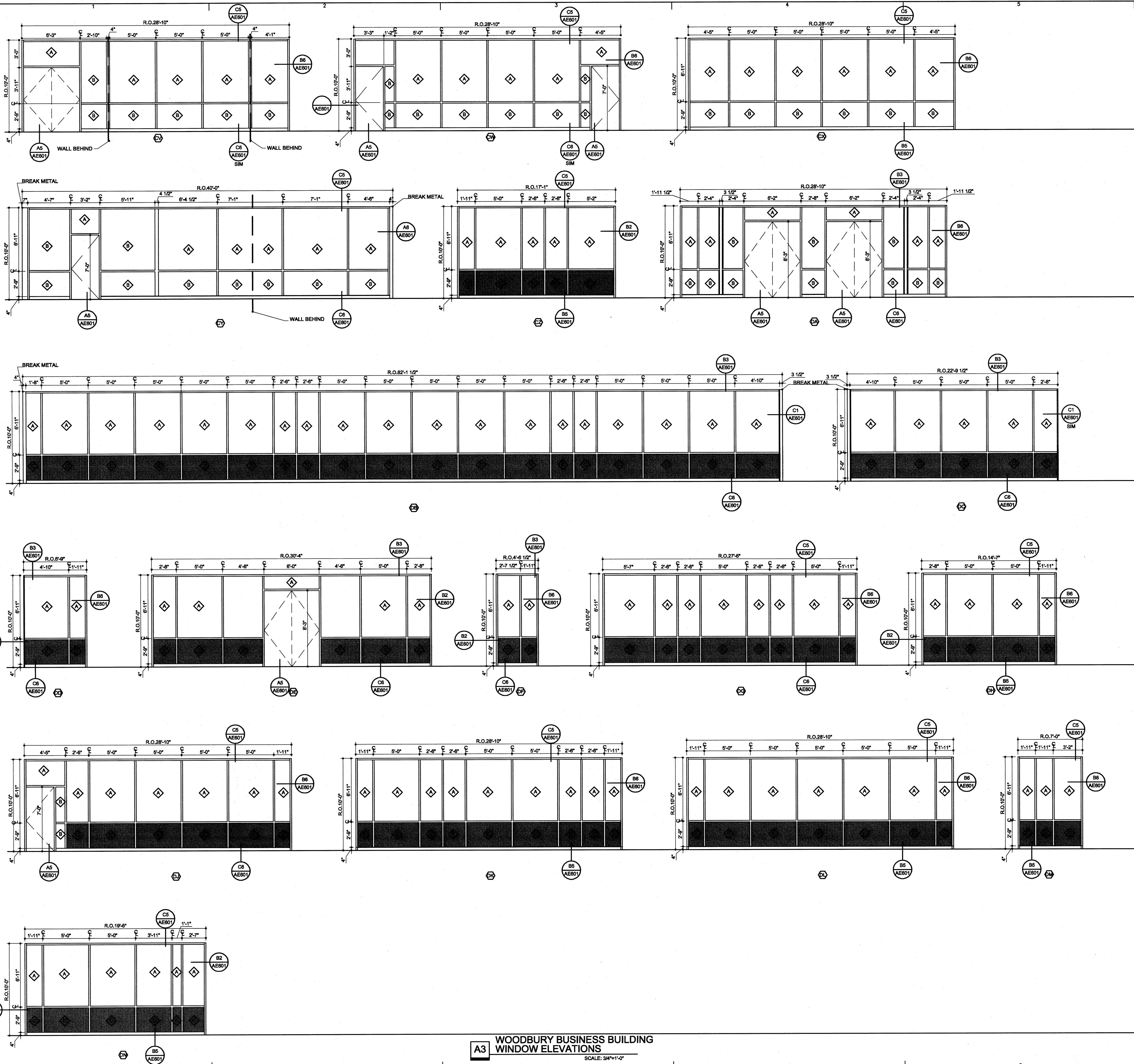
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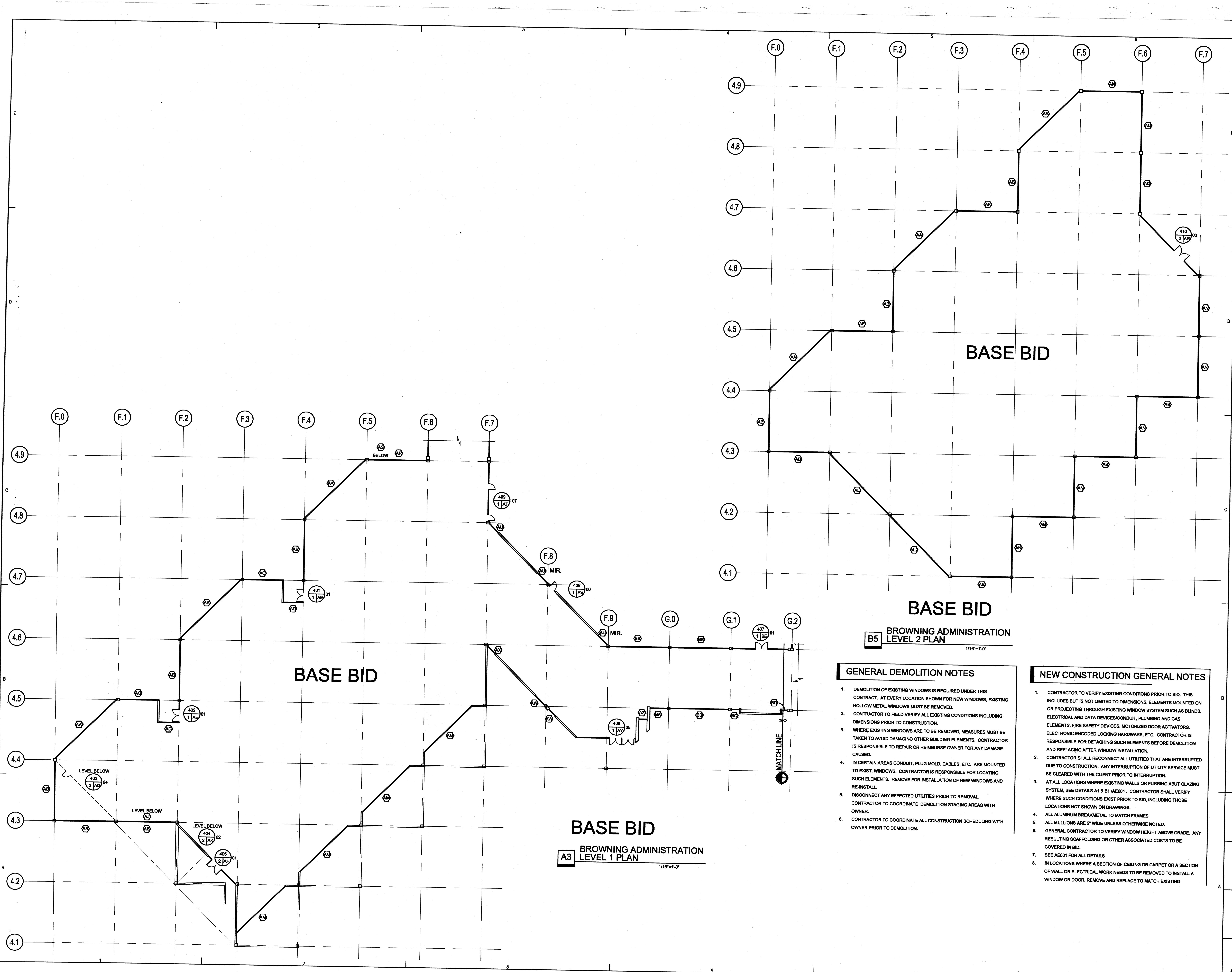
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A3 WOODBURY BUSINESS BUILDING
WINDOW ELEVATIONS

SCALE: 3/4"=1'-0"



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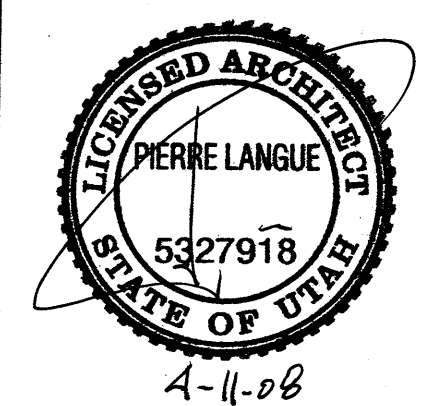
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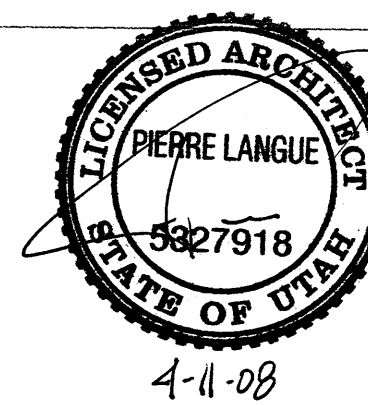
**UVSC Window Replacement
PHASE I**
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Construction Documents

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BROWNING ADMINISTRATION
FLOOR PLANS

AE401





Revision # Date

Axis Job # 0701
Owner # 06066790
Date 6-20-07
Drawn
Checked

BROWNING ADMINISTRATION
DOOR AND WINDOW ELEVATIONS

AE411

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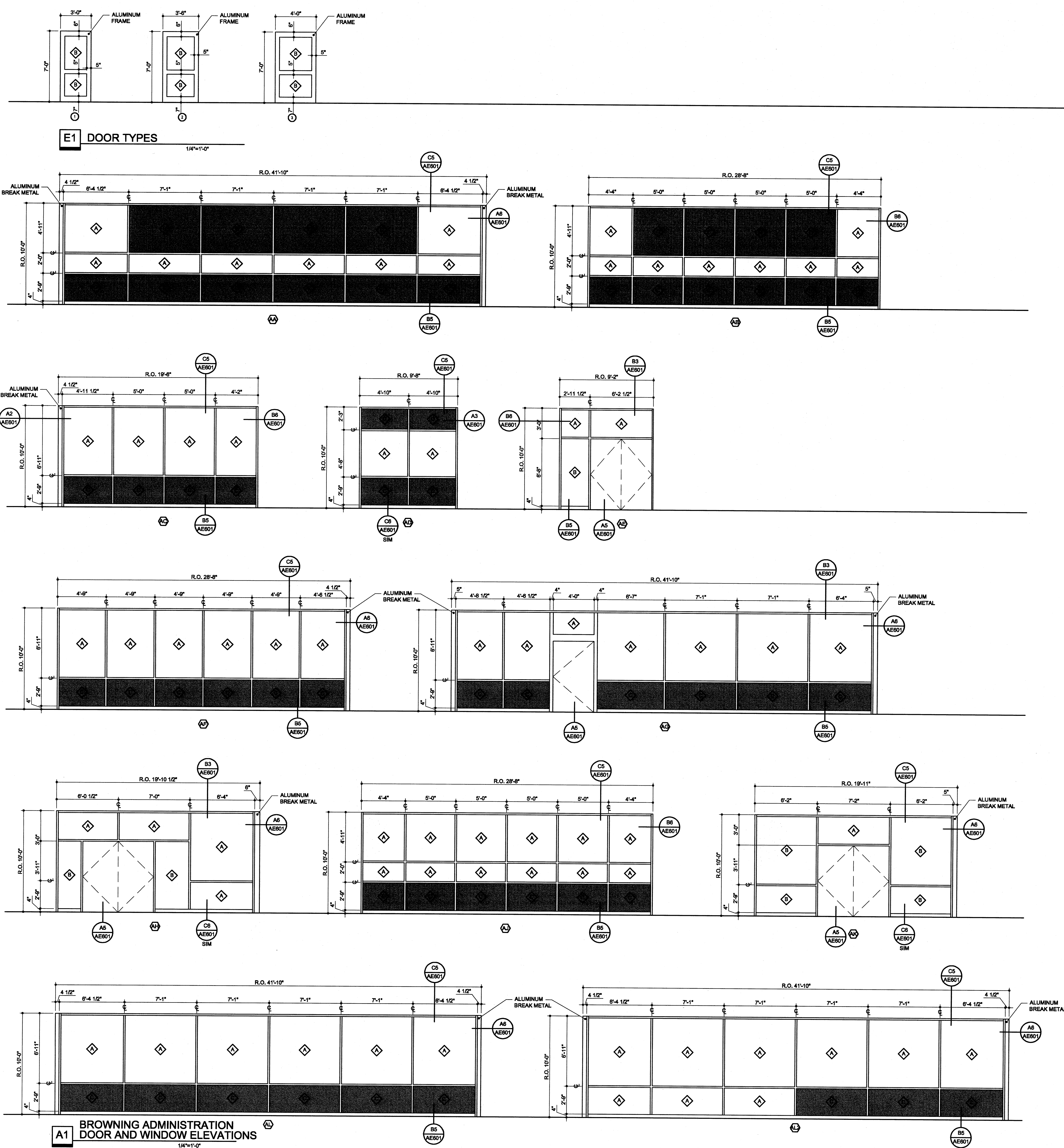
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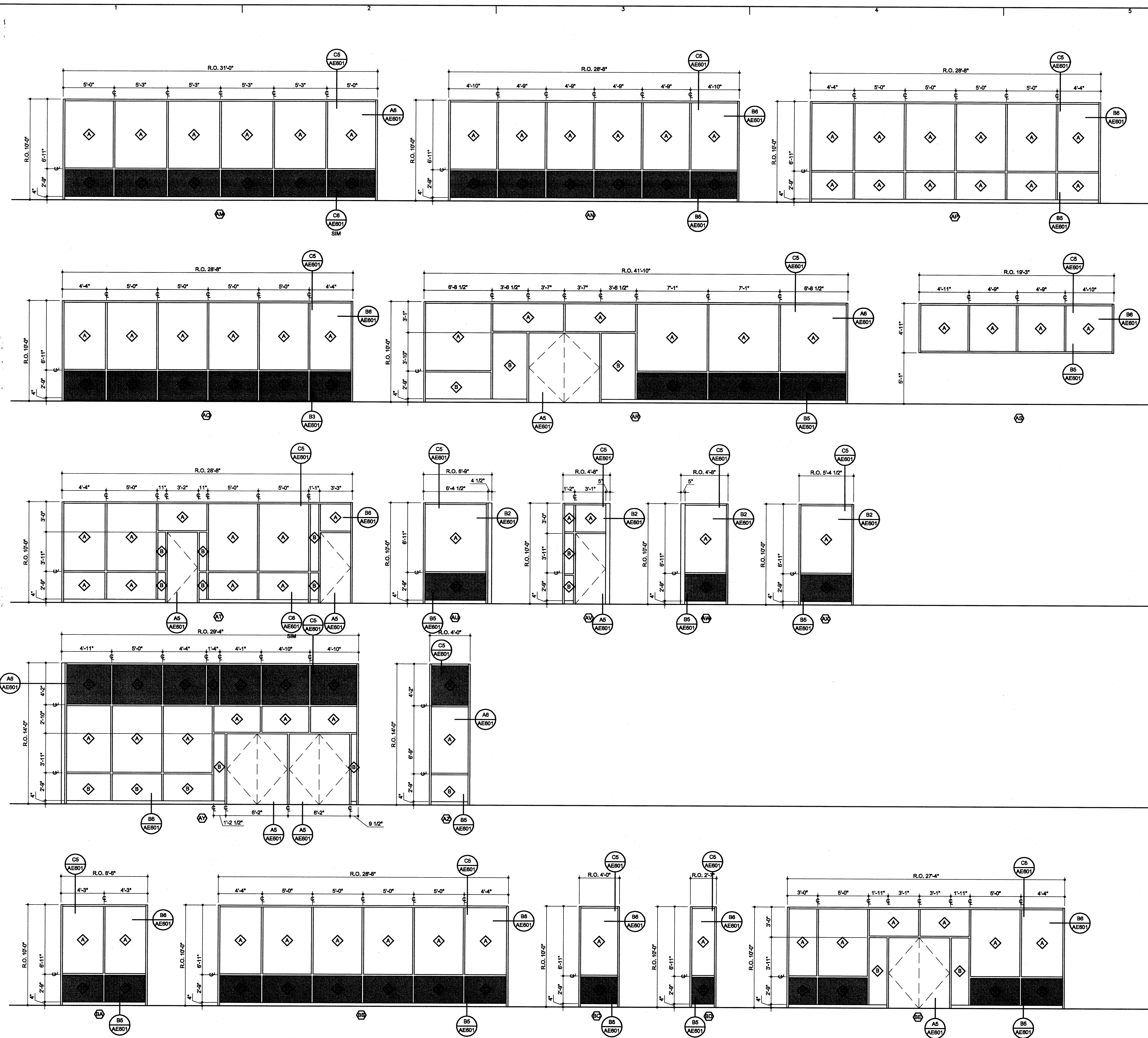
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A1 BROWNING ADMINISTRATION
DOOR AND WINDOW ELEVATIONS



A1 BROWNING ADMINISTRATION
DOOR AND WINDOW ELEVATIONS
1/4"=1'-0"

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- CONTRACTOR TO COORDINATE ALL CONSTRUCTION SCHEDULING WITH OWNER PRIOR TO DEMOLITION.

NEW CONSTRUCTION GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID. THIS INCLUDES BUT IS NOT LIMITED TO DIMENSIONS, ELEMENTS MOUNTED ON OR PROJECTING THROUGH EXISTING WINDOW SYSTEM SUCH AS BLINDS, ELECTRICAL AND DATA DEVICES/CONDUIT, PLUMBING AND GAS ELEMENTS, FIRE SAFETY DEVICES, MOTORIZED DOOR ACTUATORS, ELECTRONIC ENCODED LOCKING HARDWARE, ETC. CONTRACTOR IS RESPONSIBLE FOR DETACHING SUCH ELEMENTS BEFORE DEMOLITION AND REPLACING AFTER WINDOW INSTALLATION.
- CONTRACTOR SHALL RECONNECT ALL UTILITIES THAT ARE INTERRUPTED DUE TO CONSTRUCTION. ANY INTERRUPTION OF UTILITY SERVICE MUST BE CLEARED WITH THE CLIENT PRIOR TO INTERRUPTION.
- AT ALL LOCATIONS WHERE EXISTING WALLS OR FURRING ABOUT GLAZING SYSTEM, SEE DETAILS A1 & B1 AE801. CONTRACTOR SHALL VERIFY WHERE SUCH CONDITIONS EXIST PRIOR TO BID, INCLUDING THOSE LOCATIONS NOT SHOWN ON DRAWINGS.
- ALL ALUMINUM BREAKMETAL TO MATCH FRAMES
- ALL MULLIONS ARE 2" WIDE UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR TO VERIFY WINDOW HEIGHT ABOVE GRADE. ANY RESULTING SCAFFOLDING OR OTHER ASSOCIATED COSTS TO BE COVERED IN BID.
- SEE AE801 FOR ALL DETAILS
- IN LOCATIONS WHERE A SECTION OF CEILING OR CARPET OR A SECTION OF WALL OR ELECTRICAL WORK NEEDS TO BE REMOVED TO INSTALL A WINDOW OR DOOR, REMOVE AND REPLACE TO MATCH EXISTING

GLAZING SCHEDULE

- NEW 1" INSULATED GLASS - BRONZE TINT
- NEW 1" INSULATED TEMPERED GLASS - BRONZE TINT
- NEW 1" INSULATED ALUMINUM PANEL - BRONZE ANODIZED

- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ANGLES PRIOR TO FABRICATION.
- SOME DETAILS MAY BE REVERSED.

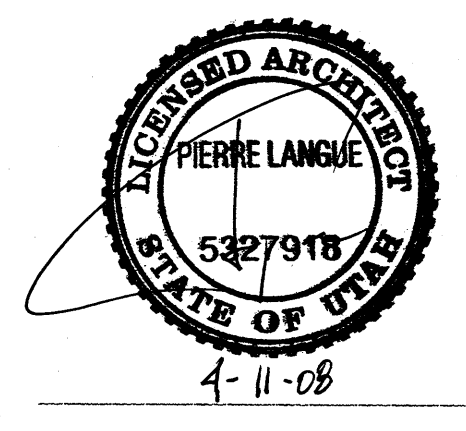
**UVSC Window Replacement
PHASE I**
Orem, UT
Construction Documents

Revision #	Date

Axis Job #	0701
Owner #	06066790
Date	6-20-07
Drawn	
Checked	

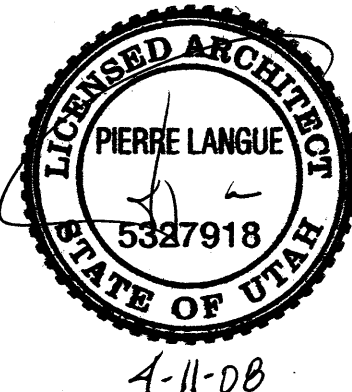
BROWNING ADMINISTRATION
DOOR AND WINDOW ELEVATIONS

AE412



Axis Architects
352 SOUTH CENTER STREET (440 EAST)
SALT LAKE CITY
UTAH 84111
P. 355-3003
F. 355-0113

NOTE: CONTRACTOR TO PATCH AND REPAIR ALL DAMAGE CAUSED BY DEMOLITION AND/OR NEW CONSTRUCTION.



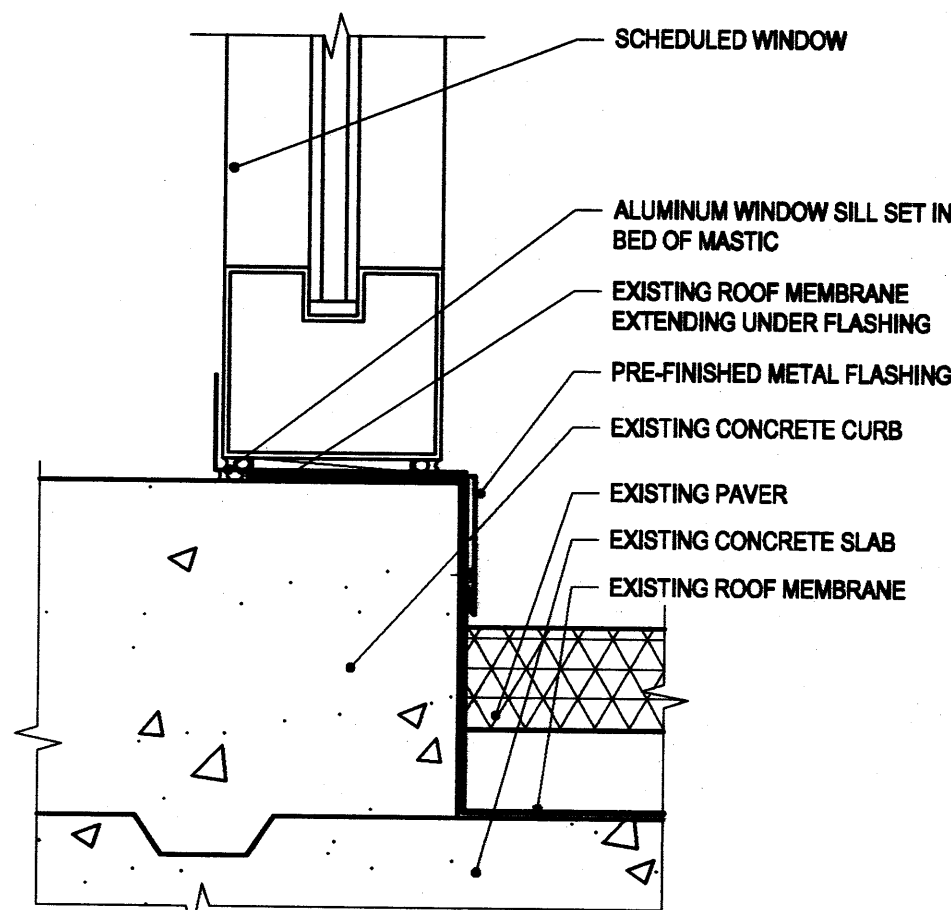
UVSC Window Replacement
PHASE I

Orem, UT
Construction Documents

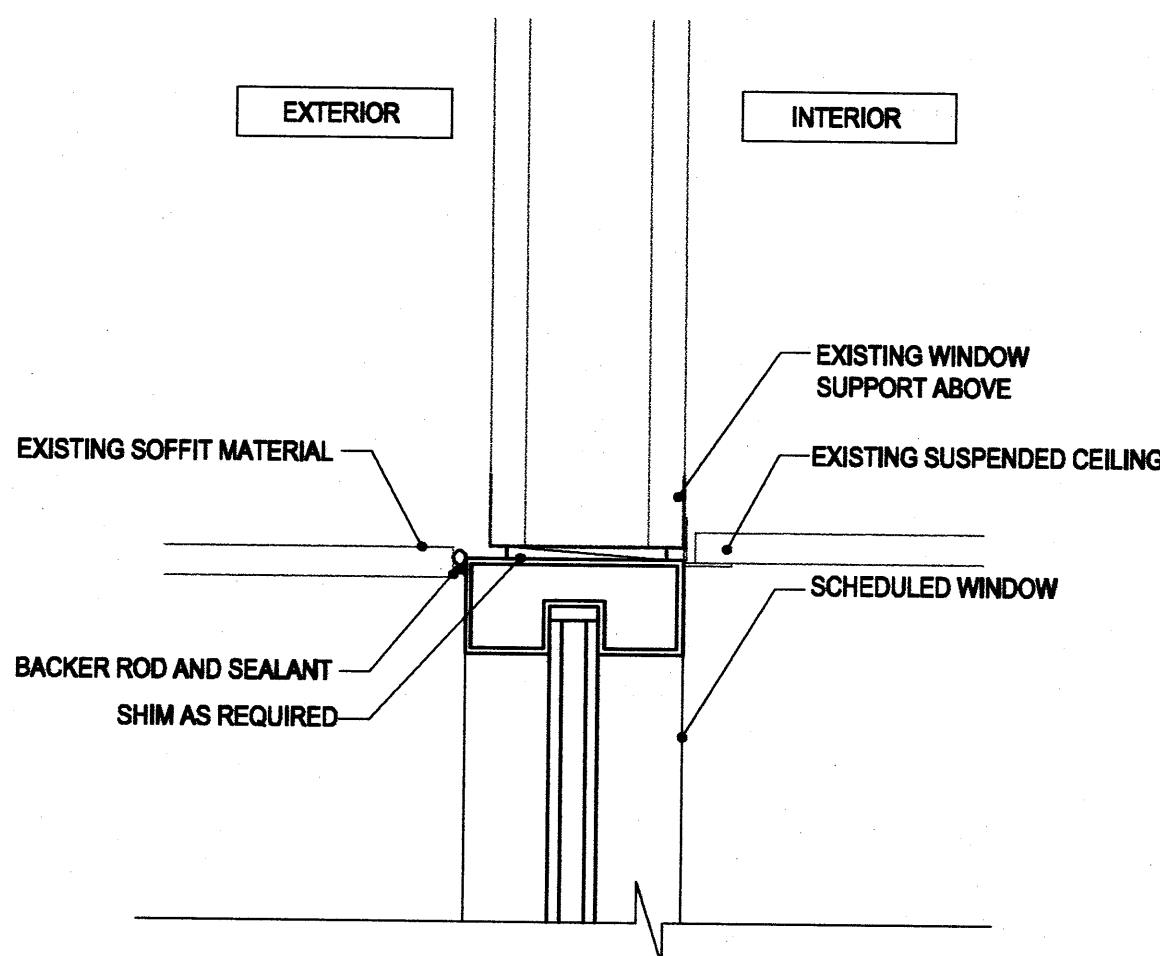
Revision # Date

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Owner # 06066790
Date 6-20-07
Drawn
Checked

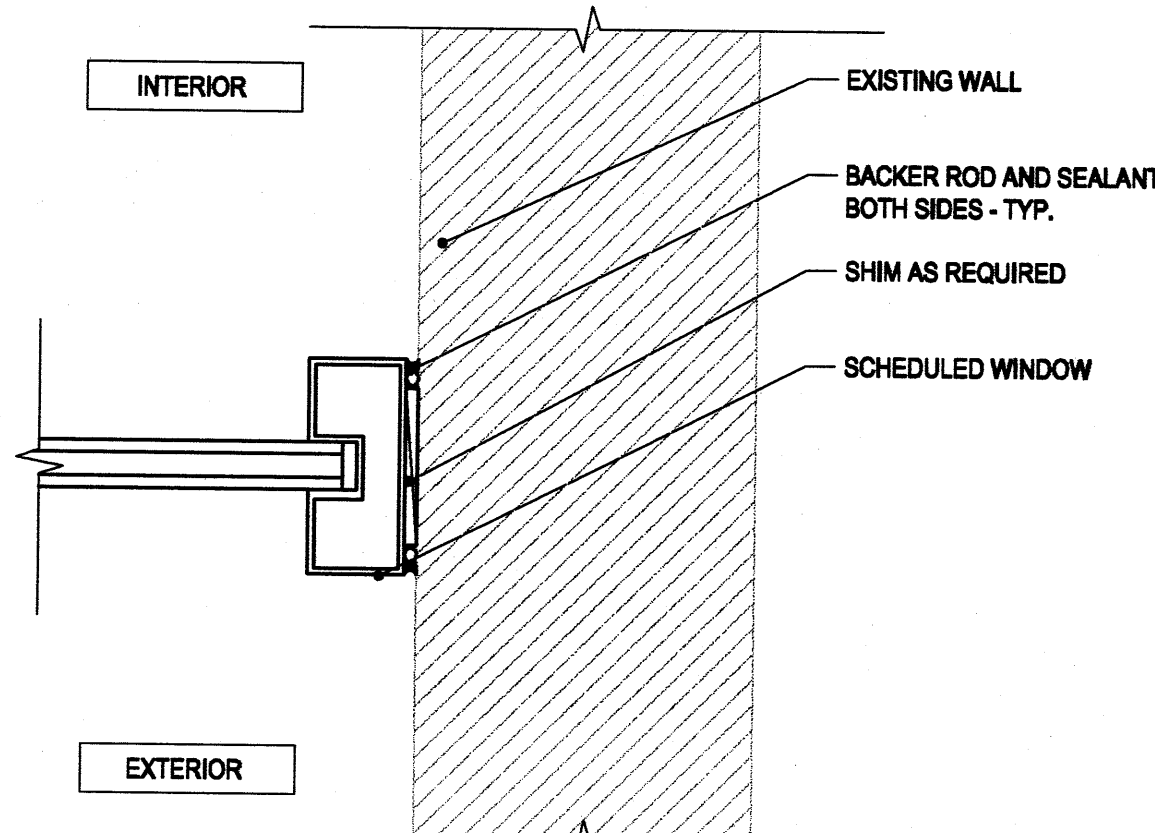
DETAILS



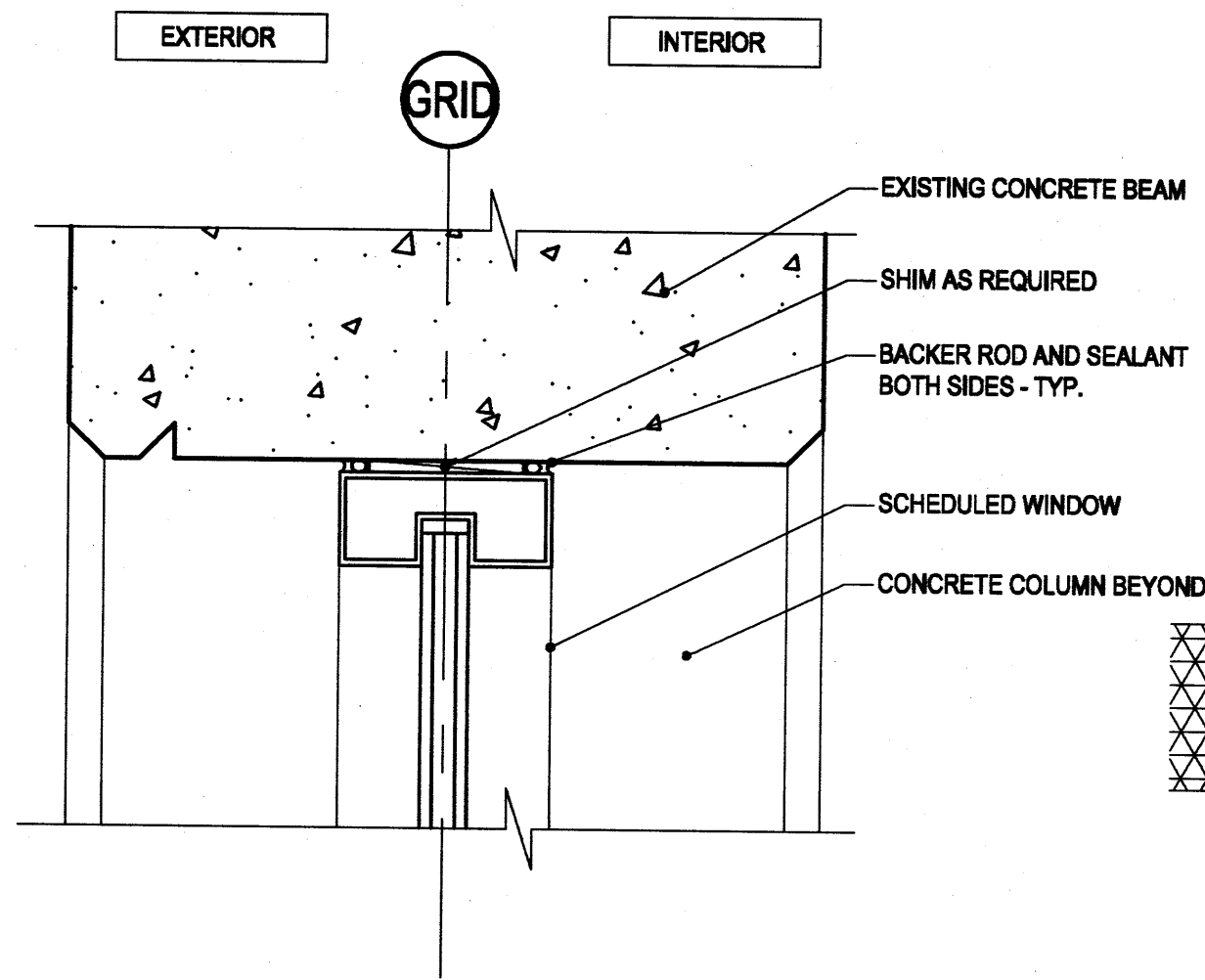
C4 SILL AT PLAZA CURB
SCALE: 3"=1'-0"



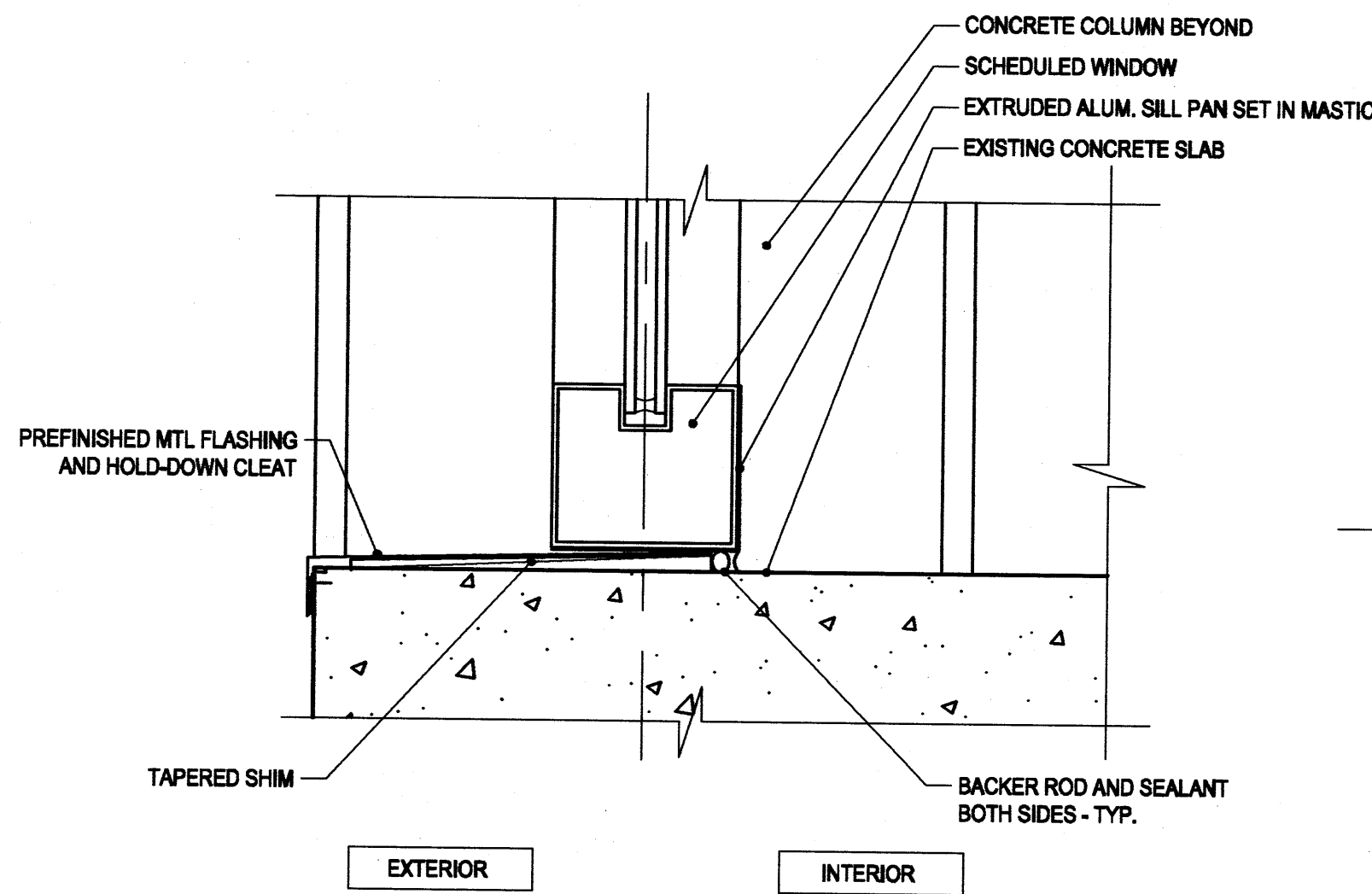
B3 HEAD AT SOFFIT
SCALE: 3"=1'-0"



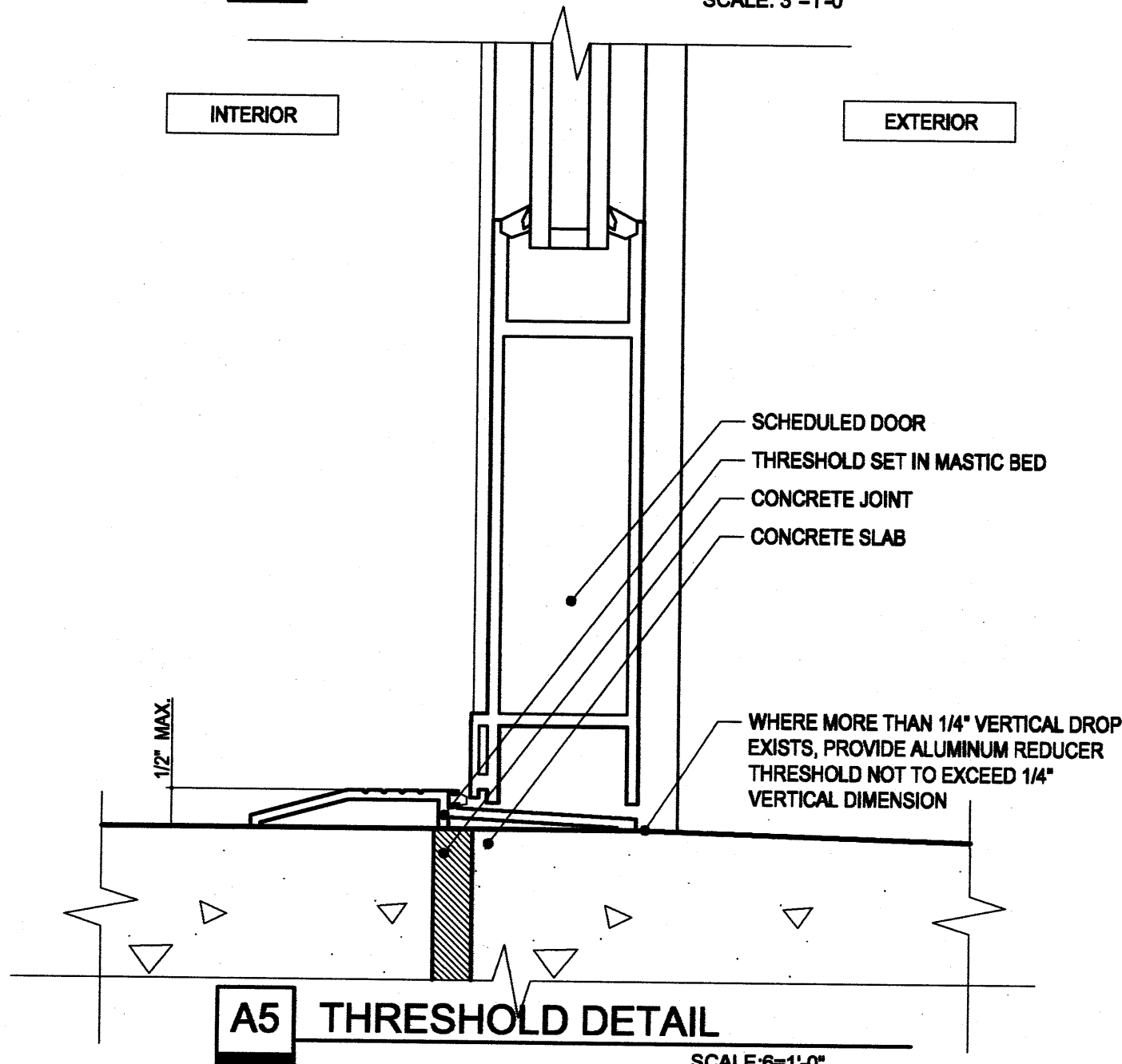
A3 JAMB AT PERP. EXISTING WALL
SCALE: 3"=1'-0"



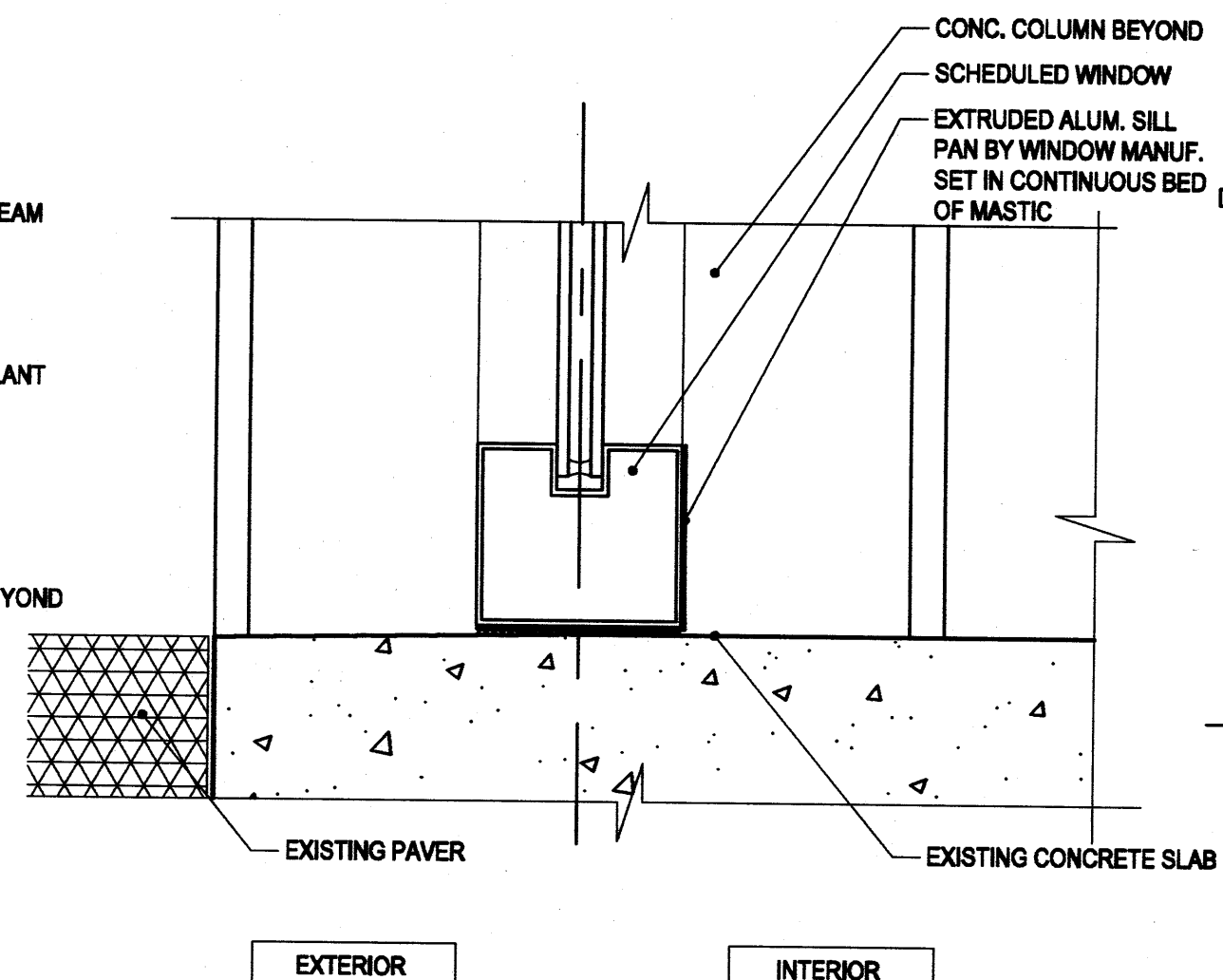
C5 WINDOW HEAD DETAIL
SCALE: 3"=1'-0"



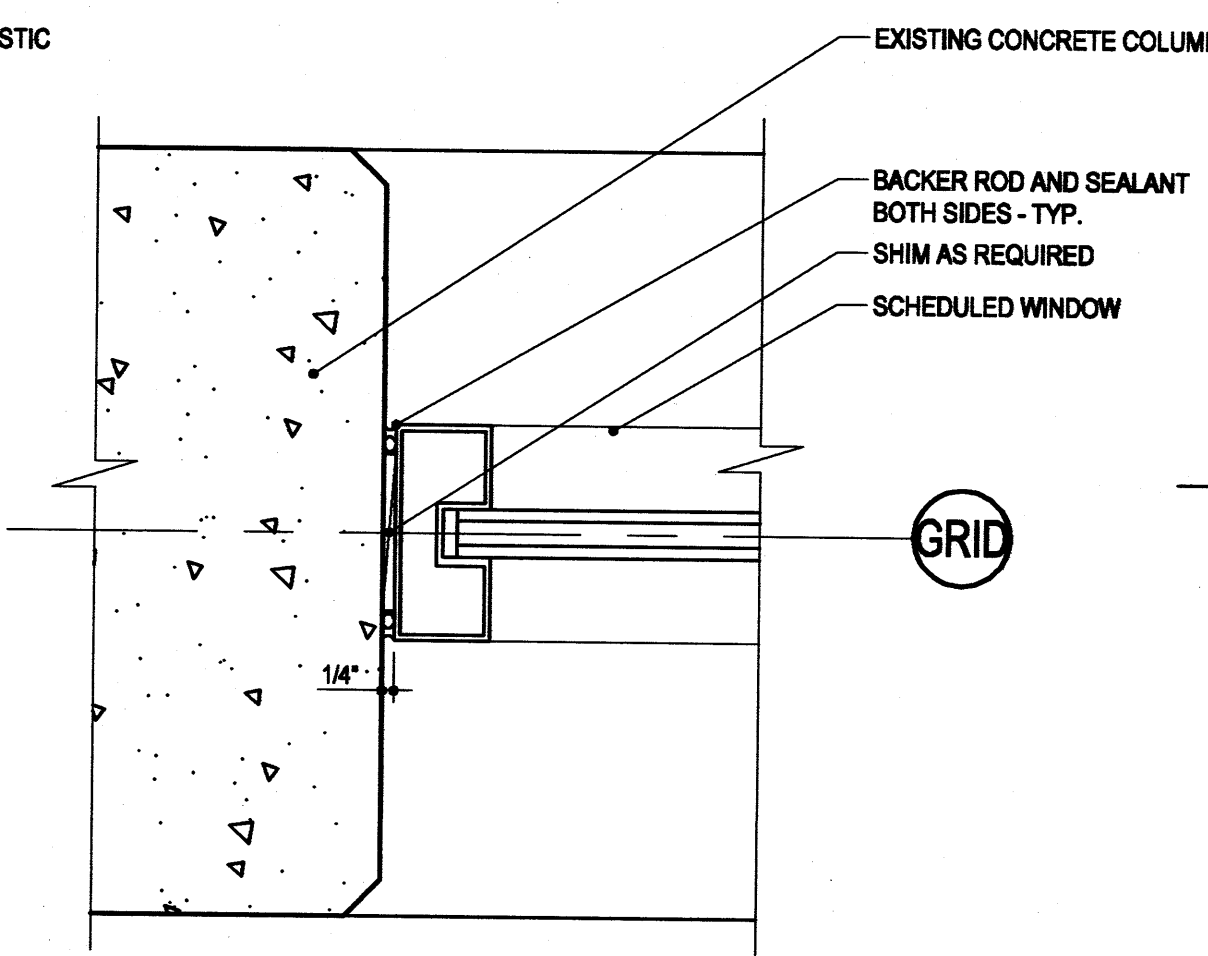
B5 WINDOW SILL DETAIL
SCALE: 3"=1'-0"



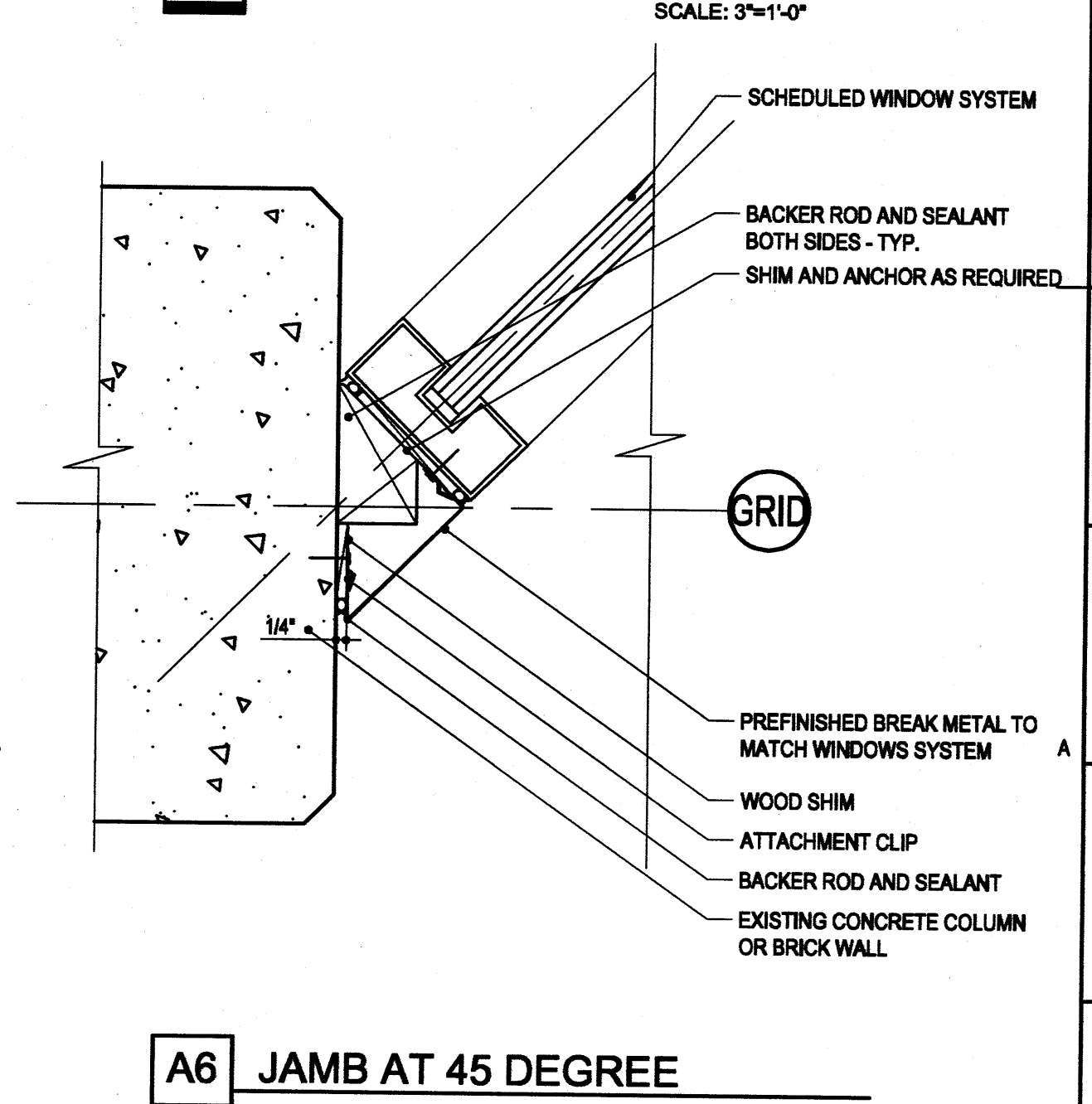
A5 THRESHOLD DETAIL
SCALE: 3"=1'-0"



C6 SILL AT PLAZA
SCALE: 3"=1'-0"

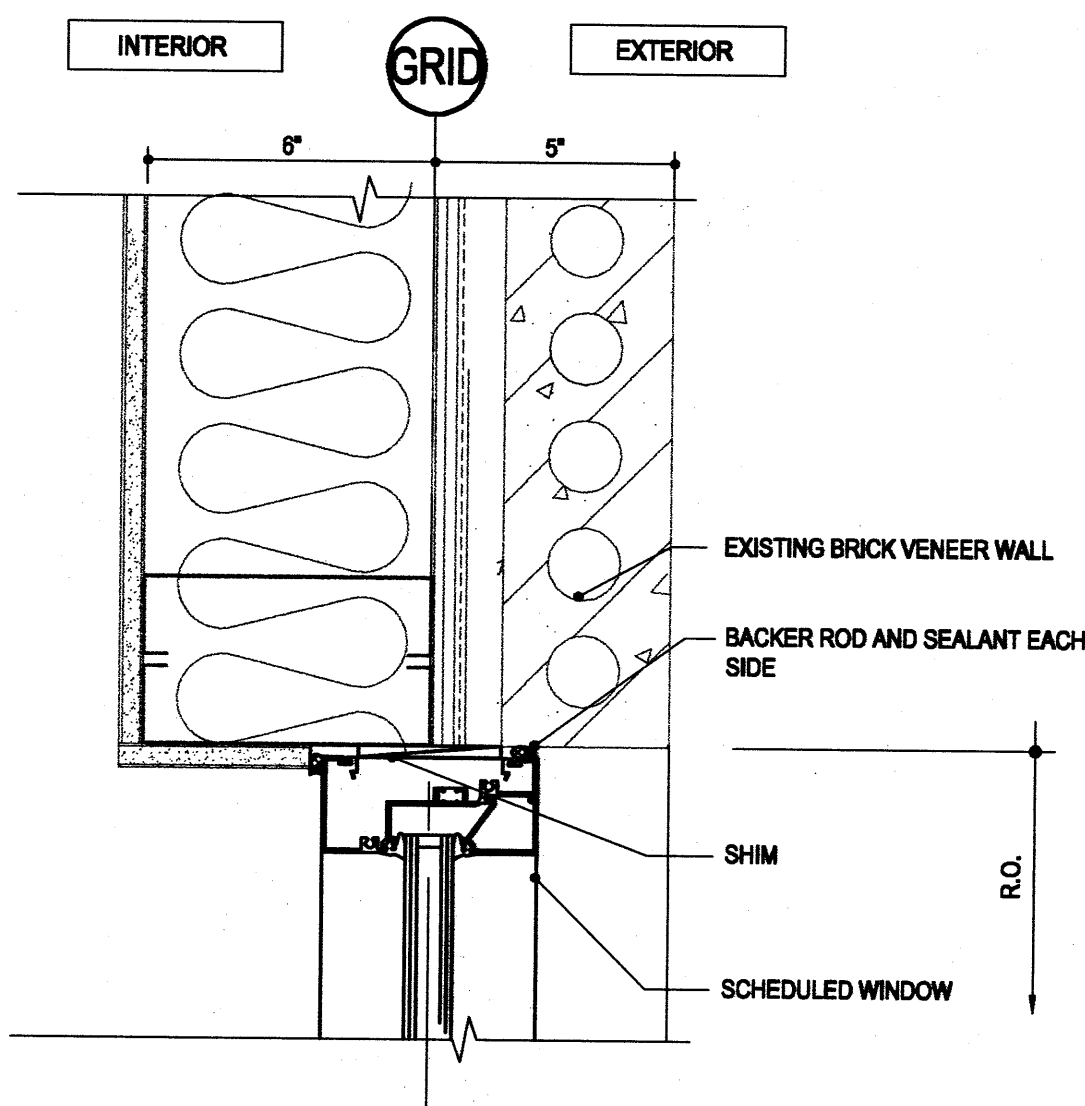


B6 WINDOW JAMB DETAIL
SCALE: 3"=1'-0"

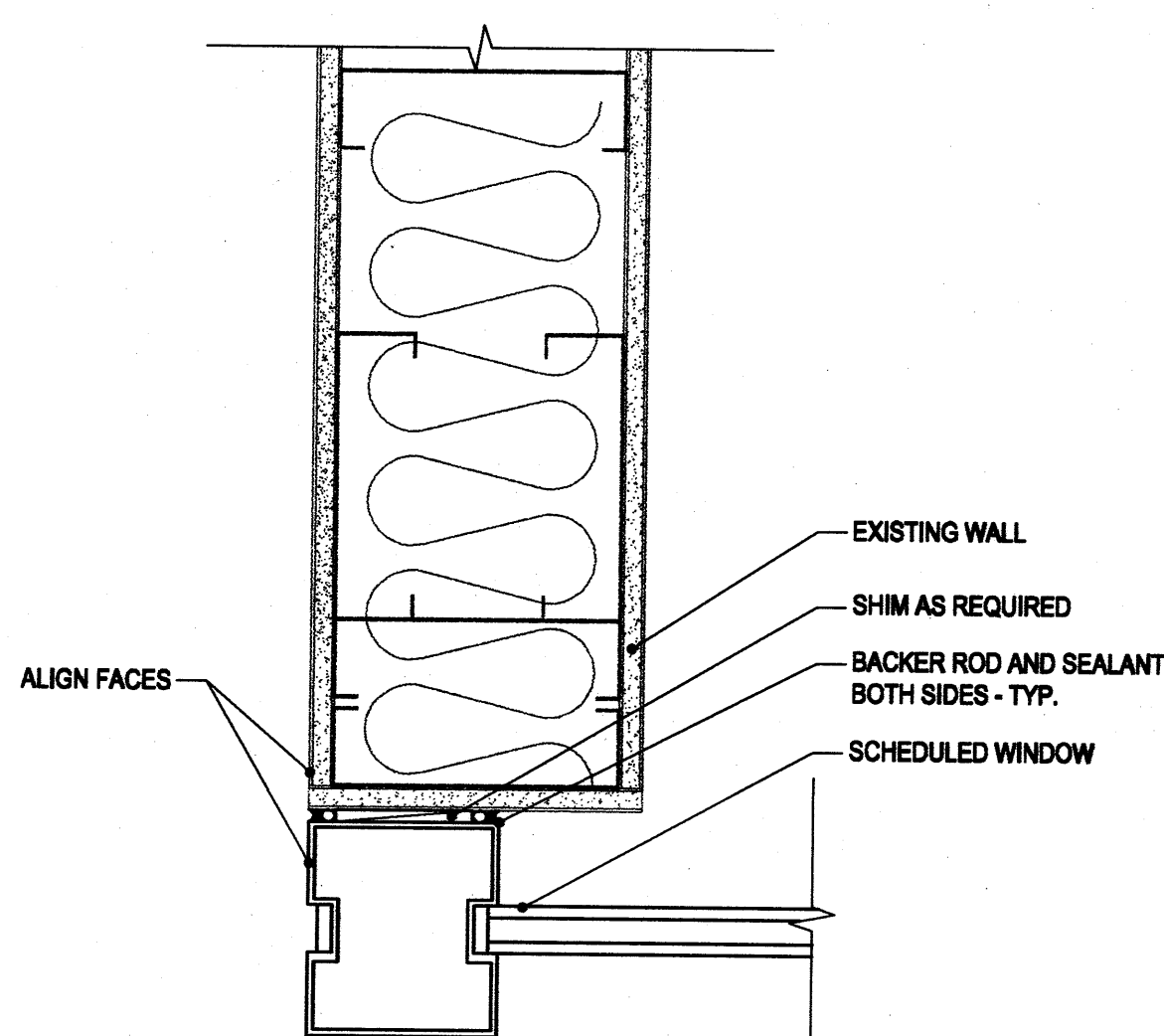


A6 JAMB AT 45 DEGREE
SCALE: 3"=1'-0"

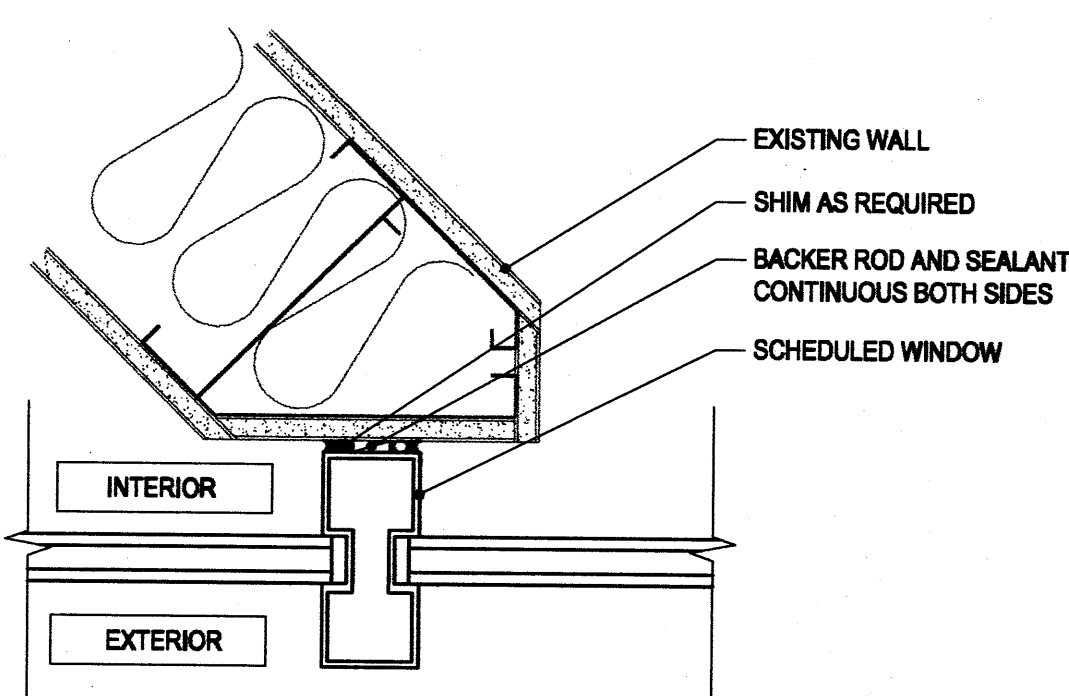
B3 TOP OF STEM WALL
SCALE: 3"=1'-0"



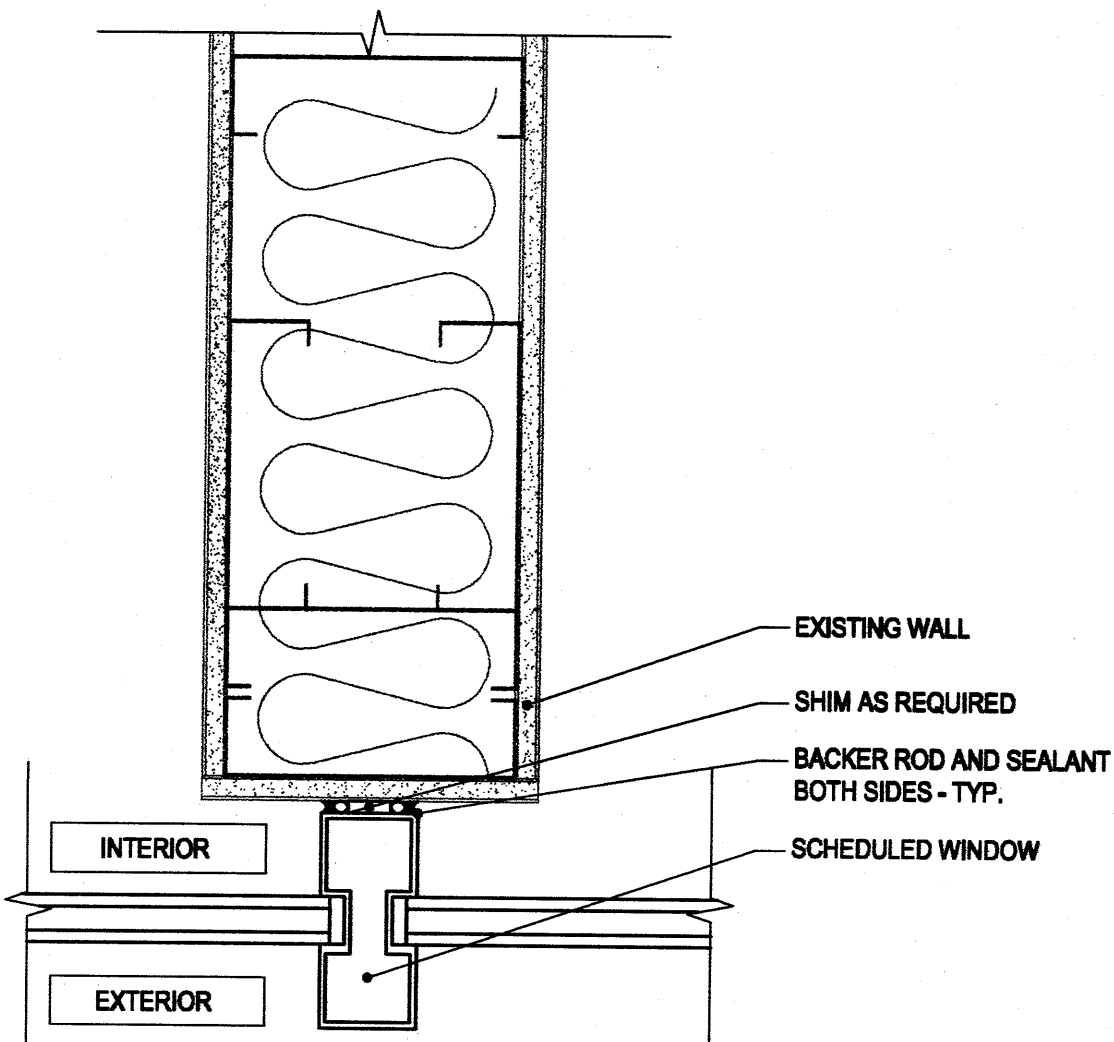
B2 JAMB AT BRICK
SCALE: 3"=1'-0"



A2 WINDOW AT WALL END
SCALE: 3"=1'-0"



B1 45 DEGREE WALL BEYOND
SCALE: 3"=1'-0"



A1 PERP. WALL BEYOND
SCALE: 3"=1'-0"